Table 1. Number, median days, incidence rate¹ and relative standard errors of nonfatal occupational injuries and illnesses with days away from work² involving musculoskeletal disorders³ by selected natures of injury or illness, Kentucky, 2000

Traumatic injuries to muscles, tendons, ligaments, joints, etc. 10,438 5 84.1 3.8 021 Sprains, strains, tears Other traumatic injuries and disorders 10,638 5 84.1 3.8 09 Other traumatic injuries and disorders 1,051 5 8.5 6.9 097 Nonspecified injuries and disorders 1,051 5 8.5 6.9 097 Back pain, hurt back 517 7 4.2 9.2 0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 12 Disorders of the peripheral nervous system 13 31 32 2.7 11.2 12 Disorders of the peripheral nervous system 331 32 2.7 11.2 15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 14 35 0.1 51.5 1532 Hernia, n.e.c.		Nature	Number	Median days away from work	Incidence rate	Relative standard error
021 Sprains, strains, tears 10,438 5 84.1 3.8 09 Other traumatic injuries and disorders 1,051 5 8.5 6.9 097 Back pain, hurt back 517 7 4.2 9.2 0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 331 32 2.7 11.2 12 Disorders of the peripheral nervous system 331 32 2.7 11.2 12 Disorders of the peripheral nervous system 331 32 2.7 11.2 124 Carpal tunnel syndrome 331 32 2.7 11.2 15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1531 Inguinal hernia 85 26 0.7 21.3 1533 Ventral hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6	Total		12,732	6	102.6	3.7
09 Other traumatic injuries and disorders 1,051 5 8.5 6.9 097 Nonspecified injuries and disorders 1,051 5 8.5 6.9 0972 Back pain, hurt back 517 7 4.2 9.2 0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 331 32 2.7 11.2 124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1531 Inguinal hernia 45 26 0.7 21.3 1532 Histal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 153	02	Traumatic injuries to muscles, tendons, ligaments, joints, etc.	10,438	5	84.1	3.8
097 Nonspecified injuries and disorders 1,051 5 8.5 6.9 0972 Back pain, hurt back 517 7 4.2 9.2 0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 331 32 2.7 11.2 124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 155 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hernia, n.e.c.	021	Sprains, strains, tears	10,438	5	84.1	3.8
0972 Back pain, hurt back 517 7 4.2 9.2 0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 331 32 2.7 11.2 124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1531 Hernia inspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c.	09	Other traumatic injuries and disorders	1,051	5	8.5	6.9
0973 Soreness, pain, hurt, except the back 534 5 4.3 9.0 12 Nervous system and sense organs diseases 331 32 2.7 11.2 124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 155 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1531 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1534 Hernia, n.e.c. - - - - 17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) - - - - <	097	Nonspecified injuries and disorders	1,051	5	8.5	6.9
12 Nervous system and sense organs diseases 331 32 2.7 11.2 124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 155 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. 70 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis)	0972	Back pain, hurt back	517	7	4.2	9.2
124 Disorders of the peripheral nervous system 331 32 2.7 11.2 1241 Carpal tunnel syndrome 331 32 2.7 11.2 15	0973	Soreness, pain, hurt, except the back	534	5	4.3	9.0
1241 Carpal tunnel syndrome 331 32 2.7 11.2 15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c.	12	Nervous system and sense organs diseases	331	32	2.7	11.2
15 Digestive system diseases and disorders 496 28 4.0 9.3 153 Hernia 496 28 4.0 9.3 1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. 1540 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 1731 Bursitis 34 18 0.3 </td <td>124</td> <td>Disorders of the peripheral nervous system</td> <td>331</td> <td>32</td> <td>2.7</td> <td>11.2</td>	124	Disorders of the peripheral nervous system	331	32	2.7	11.2
153 Hernia 496 28 4.0 9.3 1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. - - - - 17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) - - - - - - 172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis - - - - -	1241	Carpal tunnel syndrome	331	32	2.7	11.2
1530 Hernia, unspecified 137 20 1.1 16.9 1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. 17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1	15	Digestive system diseases and disorders	496	28	4.0	9.3
1531 Inguinal hernia 85 26 0.7 21.3 1532 Hiatal hernia 14 35 0.1 51.5 1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. 17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 <td>153</td> <td>Hernia</td> <td>496</td> <td>28</td> <td>4.0</td> <td>9.3</td>	153	Hernia	496	28	4.0	9.3
Hiatal hernia Hiatal hernia Hiatal hernia Hiatal hernia Hernia, n.e.c. Hernia, n.e.c. Musculoskeletal system and connective tissue diseases and disorders Musculoskeletal system and connective tissue diseases and disorders Hiatal hernia Hernia, n.e.c. Hernia, n.e.c. Musculoskeletal system and connective tissue diseases and disorders Hiatal hernia 14 35 0.1 12.6	1530	Hernia, unspecified	137	20	1.1	16.9
1533 Ventral hernia 257 30 2.1 12.6 1539 Hernia, n.e.c. 17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1531	Inguinal hernia	85	26	0.7	21.3
1539 Hernia, n.e.c. -	1532	Hiatal hemia	14	35	0.1	51.5
17 Musculoskeletal system and connective tissue diseases and disorders 415 8 3.3 10.1 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies, n.e.c. 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1533	Ventral hernia	257	30	2.1	12.6
170 Musculoskeletal system and connective tissue diseases and disorders, unspecified 13 61 0.1 54.0 171 Arthropathies and related disorders (arthritis) 172 Dorsopathies, n.e.c. 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1539	Hernia, n.e.c.				
171 Arthropathies and related disorders (arthritis) -	17	Musculoskeletal system and connective tissue diseases and disorders	415	8	3.3	10.1
172 Dorsopathies 13 8 0.1 54.3 1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	170	Musculoskeletal system and connective tissue diseases and disorders, unspecified	13	61	0.1	54.0
1729 Dorsopathies, n.e.c. 13 8 0.1 54.3 173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	171	Arthropathies and related disorders (arthritis)				
173 Rheumatism, except the back 385 8 3.1 10.5 1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	172	Dorsopathies	13	8	0.1	54.3
1731 Bursitis 34 18 0.3 33.6 1732 Synovitis 1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1729	Dorsopathies, n.e.c.	13	8	0.1	54.3
1732 Synovitis <td>173</td> <td>Rheumatism, except the back</td> <td>385</td> <td>8</td> <td>3.1</td> <td>10.5</td>	173	Rheumatism, except the back	385	8	3.1	10.5
1733 Tendonitis 282 8 2.3 12.1 1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1731	Bursitis	34	18	0.3	33.6
1734 Tenosynovitis 15 1 0.1 50.5 1735 Ganglion/cystic tumor 28 2 0.2 37.3	1732	Synovitis				
1735 Ganglion/cystic tumor 28 2 0.2 37.3	1733	Tendonitis	282	8	2.3	12.1
	1734	Tenosynovitis	15	1	0.1	50.5
1739 Rheumatism, except the back, n.e.c. 25 50 0.2 39.1	1735	Ganglion/cystic tumor	28	2	0.2	37.3
	1739	Rheumatism, except the back, n.e.c.	25	50	0.2	39.1

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N / EH) X 20,000,000 where,

N = number of injuries and illnesses,

EH = total hours worked by all employees during the calendar year,

20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, July 15, 2003

² Days away from work include those which result in days away from work with or without restricted work activity.

³ Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.